Supporting information for

Graphene: a novel template for controlling the microstructures of mesoporous silica

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This supporting information includes Figures S1 – S4.
Figure S1 (A) A small-angle x-ray scattering pattern and (B) a TEM image of the silica template derived from SC600 by removing graphene sheets through additional heating in air at 500 °C for 1 h.
Figure S2 Micro-Raman spectra of the carbonaceous materials derived from the removal of silica from (1) SC450, (2) SC600, and (3) SC800.
Figure S3 (A) The SAXS pattern and (B) TEM image of an aged, self-assembled precursor mixture.
**Figure S4** The small-angle X-ray scattering patterns of silica-carbon nanocomposites obtained from carbonization of the self-assembled precursor without cobalt chloride at (1) 450, (2) 600, and (3) 800 °C.